



Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/714,255
		Filing Date	November 17, 2000
		First Named Inventor	Gary L. Bowlin
		Group Art Unit	3736
Examiner Name	Not Yet Assigned		
Sheet 1 of 9	Attorney Docket Number		49122-0150 (49122-262410)

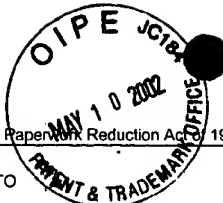
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
EC	AA	3,892,648		Phillips et al.	07-01-1975	
	AB	4,043,331		Martin et al.	08-23-1977	
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	AD	4,294,677		Sakagami et al.	10-13-1981	
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		Office ³	Number ⁴	Kind Code ² (if known)				
EC	AZ	WO	98/56894	A1	Regents of the University of Minnesota	12-17-1998		
EE	AA1	WO	01/26610	A1	The University of Akron	04-19-2001		
EO	AA2	WO	01/27365	A1	The University of Akron	04-19-2001		
EO	AA3	WO	01/51690	A1	Drexel University and The Trustees of the University of Pennsylvania	07-10-2001		

Examiner Signature	<i>Elizabeth M. De</i>	Date Considered	1/22/03
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.



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af	BA	6,110,484		Sierra	08-29-2000	
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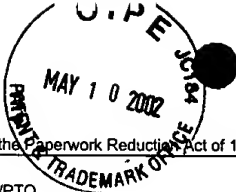
OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS

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ac	CA	AGRAWAL, C.M. <i>et al.</i> , "Technique to Control pH in Vicinity of Biodegrading PLA-PGA Implants", J. Biomed. Mater. Res., 1997, pp. 105-114, Vol. 38.	
	CB	AKINS, R.E. <i>et al.</i> , "Neonatal Rat Heart Cells Cultured in Simulated Microgravity", In Vitro Cell. Dev. Biol. - Animal, 1997, pp. 337-343, Vol. 33.	
	CC	BAKER, T.L. <i>et al.</i> , "Three-Dimensional Culture of Bovine Chondrocytes in Rotating-Wall Vessels", In Vitro Cell. Dev. Biol. - Animal, 1997, pp. 358-365, Vol. 33.	
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	CF	BLAU, H.M. <i>et al.</i> , "Isolation and characterization of human muscle cells", Proc. Natl. Acad. Sci. USA, 1981, pp. 5623-5627, Vol. 78.	
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	CI	BUSH, R.L. <i>et al.</i> , "Regulation of new blood vessel growth into ischemic skeletal muscle", J. Vascular Surgery, 1998, pp. 919-928, Vol. 28.	
ac	CJ	CAVALLARO, J.F. <i>et al.</i> , "Collagen Fabrics as Biomaterials", Biotechnology and Bioengineering, 1994, pp. 781-791, Vol. 43.	

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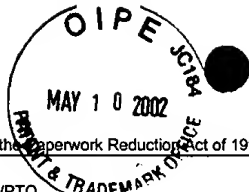


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GC	DA	CHEN, DA-REN <i>et al.</i> , "Electrospraying of Conducting Liquids for Monodisperse Aerosol Generation in the 4 nm to 1.8 μ m Diameter Range", J. Aerosol Science, 1995, pp. 963-977, Vol. 26.	
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	DD	CONNOLD, A.L. <i>et al.</i> , "Survival of embryonic cardiac myocytes transplanted into host rat soleus muscle", Journ. of Muscle Res. and Cell Motility, 1995, pp. 481-489, Vol. 16.	
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	DG	DRASLER, W. J. <i>et al.</i> , "A Spun Elastomeric Graft for Dialysis Access", ASAIO Journal, 1993, pp. 114-119, Vol. 39.	
	DH	FERBER, D., "Lab-Grown Organs Begin to Take Shape", Science, 1999, pp. 422-424, Vol. 284.	
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Examiner Signature	<i>George A. M. G.</i>	Date Considered	1/22/03
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EC	EA	GOJO, S. <i>et al.</i> , "Transplantation of Genetically Marked Cardiac Muscle Cells", J. Thorac. Cardiovasc. Surg., 1997, pp. 10-18, Vol. 113.	
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	EJ	KANDA, K., <i>et al.</i> , "Mechanical Stress-Induced Orientation and Ultrastructural Change of Smooth Muscle Cells Cultured in Three-Dimensional Collagen Lattices", Cell Transplantation, 1994, pp. 481-492, Vol. 3.	
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Examiner Signature	<i>E. J. M. Cole</i>	Date Considered	11/22/03
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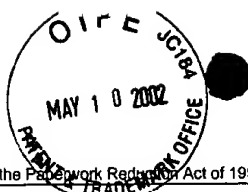


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ac	FA	KIM, B-S <i>et al.</i> , "Engineering smooth muscle tissue with a predefined structure", J. Biomed. Mater. Res., 1998, pp. 322-332, Vol. 41.	
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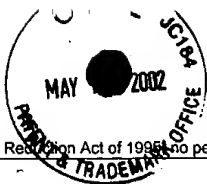
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EL	GA	OKANO, T. <i>et al.</i> , "Tissue Engineering of Skeletal Muscle, Highly Dense, Highly Oriented Hybrid Muscular Tissues Biomimicking Native Tissues", ASAIO Journal, 1997, pp. M749-M753, Vol. 43.	
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EC	HA	SHANSKY, J. <i>et al.</i> , "A Simplified Method for Tissue Engineering Skeletal Muscle Organoids <i>In Vitro</i> ", <i>In Vitro Cell. Dev. Biol.—Animal</i> , 1997, pp. 659-661, Vol. 33.	
	HB	SILVER, F.H. <i>et al.</i> , "Type I Collagen in Solution", <i>The Journal of Biological Chemistry</i> , 1980, pp. 9427-9433, Vol. 255.	
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		Application Number	09/714,255		
		Filing Date	November 17, 2000		
		First Named Inventor	Gary L. Bowlin		
		Group Art Unit	3736		
		Examiner Name	Not Yet Assigned		
Sheet	9	of	9	Attorney Docket Number	49122-0150 (49122-262410)

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
EC	IA	VANDENBURGH, H.H. <i>et al.</i> , "Mechanically Induced Alterations in Cultured Skeletal Muscle Growth", J. Biomechanics, 1991, pp. 91-99, Vol. 24.	
	IB	VANDENBURGH, H.H. <i>et al.</i> , "Skeletal muscle growth is stimulated by intermittent stretch-relaxation in tissue culture", American Journal of Physiology, 1989, pp. C674-C682, Vol. 256.	
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	ID	WATANABE, E. <i>et al.</i> , "Cardiomyocyte Transplantation in a Porcine Myocardial Infarction Model", Cell Transplantation, 1998, pp. 239-246, Vol. 7, No. 3.	
	IE	WEISS, S.W. <i>et al.</i> , "Revascularization of Skeletal Muscle Transplanted into the Hamster Cheek Pouch: Electron Microscopy", Microvascular Research, 1983, pp. 65-73, Vol. 26.	
	IF	WONG, W. H. <i>et al.</i> , "Synthesis and Properties of Biodegradable Polymers Used as Synthetic Matrices for Tissue Engineering", Synthetic Biodegradable Polymer Scaffolds, 1997, pp. 51-82, Chp. 4.	
ai	IG	YEAGER, A. <i>et al.</i> , "New Graft Materials and Current Approaches to an Acceptable Small Diameter Vascular Graft", ASAIO Transactions, 1988, pp. 88-94, Vol. 34.	

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